MarÃ-a J Rodrigo

List of Publications by Year
in descending order

33 papers	574 citations	840776 11 h-index	677142 22 g-index
45 all docs	45 docs citations	45 times ranked	770 citing authors

#	Article	IF	Citations
1	Optical Coherence Tomography as a Biomarker for Diagnosis, Progression, and Prognosis of Neurodegenerative Diseases. Journal of Ophthalmology, 2016, 2016, 1-9.	1.3	75
2	Visual dysfunction and its correlation with retinal changes in patients with Parkinson's disease: an observational cross-sectional study. BMJ Open, 2016, 6, e009658.	1.9	65
3	Visual dysfunction and its correlation with retinal changes in patients with Alzheimer's disease. Eye, 2017, 31, 1034-1041.	2.1	62
4	Evaluation of Progressive Visual Dysfunction and Retinal Degeneration in Patients With Parkinson's Disease. , 2017, 58, 1151.		60
5	Retinal and Choroidal Changes in Patients with Parkinsonâ€™s Disease Detected by Swept-Source Optical Coherence Tomography. Current Eye Research, 2018, 43, 109-115.	1.5	47
6	Computer-Aided Diagnosis of Multiple Sclerosis Using a Support Vector Machine and Optical Coherence Tomography Features. Sensors, 2019, 19, 5323.	3.8	44
7	Neurodegeneration in Patients with Type 2 Diabetes Mellitus without Diabetic Retinopathy. Journal of Ophthalmology, 2019, 2019, 1-8.	1.3	26
8	Early diagnosis of multiple sclerosis by OCT analysis using Cohen's d method and a neural network as classifier. Computers in Biology and Medicine, 2021, 129, 104165.	7.0	23
9	Relationship between Visual Dysfunction and Retinal Changes in Patients with Multiple Sclerosis. PLoS ONE, 2016, 11, e0157293.	2.5	21
10	Early Diagnosis of Multiple Sclerosis Using Swept-Source Optical Coherence Tomography and Convolutional Neural Networks Trained with Data Augmentation. Sensors, 2022, 22, 167.	3.8	17
11	Brimonidine-LAPONITEÂ® intravitreal formulation has an ocular hypotensive and neuroprotective effect throughout 6 months of follow-up in a glaucoma animal model. Biomaterials Science, 2020, 8, 6246-6260.	5.4	13
12	Chronic Glaucoma Using Biodegradable Microspheres to Induce Intraocular Pressure Elevation. Six-Month Follow-Up. Biomedicines, 2021, 9, 682.	3.2	13
13	Reproducibility and reliability of retinal and optic disc measurements obtained with swept-source optical coherence tomography in a healthy population. Japanese Journal of Ophthalmology, 2019, 63, 165-171.	1.9	11
14	Empirical Mode Decomposition-Based Filter Applied to Multifocal Electroretinograms in Multiple Sclerosis Diagnosis. Sensors, 2020, 20, 7.	3.8	11
15	Effect of age and sex on neurodevelopment and neurodegeneration in the healthy eye: Longitudinal functional and structural study in the Longâ€“Evans rat. Experimental Eye Research, 2020, 200, 108208.	2.6	11
16	Novel Use of PLGA Microspheres to Create an Animal Model of Glaucoma with Progressive Neuroretinal Degeneration. Pharmaceutics, 2021, 13, 237.	4.5	11
17	Safety study of intravitreal and suprachoroidal Laponite clay in rabbit eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 535-546.	1.9	10
18	Dexamethasone delivery to the ocular posterior segment by sustained-release Laponite formulation. Biomedical Materials (Bristol), 2020, 15, 065021.	3.3	9

#	Article	IF	Citations
19	New pathogenic variant in the FGF10 gene in the agenesis of lacrimal and salivary gland syndrome: Ophthalmological and genetic study. Ophthalmic Genetics, 2018, 39, 125-128.	1.2	7
20	Influence of Sex on Neuroretinal Degeneration: Six-Month Follow-Up in Rats With Chronic Glaucoma. , 2021, 62, 9.		7
21	Long-term corticosteroid-induced chronic glaucoma model produced by intracameral injection of dexamethasone-loaded PLGA microspheres. Drug Delivery, 2021, 28, 2427-2446.	5.7	7
22	Monitoring New Long-Lasting Intravitreal Formulation for Glaucoma with Vitreous Images Using Optical Coherence Tomography. Pharmaceutics, 2021, 13, 217.	4.5	6
23	Reproducibility of retinal and choroidal measurements using swept-source optical coherence tomography in patients with Parkinsonâ€™s disease. Arquivos Brasileiros De Oftalmologia, 2020, 83, 19-27.	0.5	6
24	Diagnosis of multiple sclerosis using multifocal ERG data feature fusion. Information Fusion, 2021, 76, 157-167.	19.1	5
25	Analysis of Parainflammation in Chronic Glaucoma Using Vitreous-OCT Imaging. Biomedicines, 2021, 9, 1792.	3.2	5
26	Identification of clusters in multifocal electrophysiology recordings to maximize discriminant capacity (patients vs. control subjects). Documenta Ophthalmologica, 2020, 140, 43-53.	2.2	1
27	Influence of Chronic Ocular Hypertension on Emmetropia: Refractive, Structural and Functional Study in Two Rat Models. Journal of Clinical Medicine, 2021, 10, 3697.	2.4	1
28	Functional Evaluation of the Visual Pathway in Patients with Multiple Sclerosis Using a Multifunction Stimulator Monitor. Journal of Ophthalmology, 2019, 2019, 1-8.	1.3	0
29	Ability of swept-source optical coherence tomography to detect retinal and choroidal changes in patients with Parkinson disease. European Neuropsychopharmacology, 2019, 29, S151-S152.	0.7	0
30	Neuro-retinal changes and its correlations with visual disturbances in patients with bipolar disorder. European Neuropsychopharmacology, 2019, 29, S81.	0.7	0
31	Effects of smoking during pregnancy on retinopathy of prematurity. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
32	Suprachoroidal pocket to collect drugs for treatment of ocular diseases. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
33	Visual dysfunction and its correlation with retinal changes in patients with Parkinson disease. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0